Raw Unmodified
Byte Code
Class File
650a

651a
Constructor
Method Info
Structure

GetMax Method
Info Structure

652a

MODIFY

Modified Byte Code
Classfile
650b

Class ID Field Info Structure   657

"DISPATCH UNIT
REGISTRATION"
Method Info
Structure   656

651b   Constructor Method
Info Structure   653
654
655

652b   GetMax Method Info
Structure
643b   620b
644b
645b
646b

= Inserted
Matter

FIG. 6B

FIELDS 1501
PN 1501₁
QTY 1501₂
$ 1501₃
CUS 1501₄

1502 METHODS
1502₁ UPDATE ACCT.
1502₂ UPDATE BILLING
1502₃ GET MAX

iLoad_Ø 1503₁
iLoad_1 1503₂
icmp 1503₃
ifeqL_Ø 1503₄
iload_Ø 1503₅
ireturn 1503₆
LØ 1503₇

iload_1 1503₇₁
ireturn 1503₇₂

FIG. 15A

FIELDS
PN
QTY
$
CUS

METHODS
UPDATE ACCT.
UPDATE BILLING
GET MAX

invoke static 1504
iload_Ø
iload_1
icmp
ifeqL_Ø
iload_Ø
invoke static 1505
ireturn
LØ

iload_1
invoke static 1506
ireturn

invoke static 1507

FIG. 15B